

Appl. No. 09/924,199  
Amdt. dated 6/12/06  
Reply to Office Action of 2/7/06

PATENT  
Docket: 010196

### IN THE SPECIFICATION

Please replace the following paragraph in the Specification with the following rewritten paragraph:

[1032] Pilot filter 236 may be implemented with various filter designs, as described below. Pilot filter 236 filters (and may further interpolates) the received pilot symbols,  $x_n$ , to provide pilot estimates,  $y_n$ , which are estimates of the response of the communication channel via which the multipath was received. Pilot filter 236 may further receive and utilize ~~utilizes~~ the discovered data symbols (from symbol accumulator 224) to provide improved pilot estimates, as described in U.S. Patent No. 6,947,475 ~~Application Serial No. [Attorney Docket No. 010141]~~, entitled "METHOD AND APPARATUS FOR ESTIMATING CHANNEL CHARACTERISTICS USING PILOT AND NON-PILOT DATA", issued September 20, 2005 ~~filed xxx~~, assigned to the assignee of the present application and incorporated herein by reference. Pilot filter 236 typically provides one pilot estimate for each discovered data symbol to be coherently demodulated. The pilot estimates are provided to pilot demodulator 226 and used to coherently demodulate the discovered data symbols, and are also provided to a signal quality estimator 242 that detects the strength of the recovered pilot.